To: Denawa, Mai[Denawa.Mai@epa.gov]; Odendahl, Steve[Odendahl.Steve@epa.gov]

From: Dubey, Susmita

Sent: Thur 11/17/2016 1:23:30 PM

Subject: Re: DRAFT Information for Transmittal to CDOT/FHWA Regarding 10/25/16 Cooperating

Agencies Meeting

Thanks, Mai. I am on leave most of today so probably won't get to this until tomorrow. If you have time to review before then, I can add my comments to yours.

From: Denawa, Mai

Sent: Wednesday, November 16, 2016 3:34 PM

To: Odendahl, Steve; Dubey, Susmita

Subject: FW: DRAFT Information for Transmittal to CDOT/FHWA Regarding 10/25/16 Cooperating

Agencies Meeting

Hi Susmita,

Hope you are doing well. Steve and I were wondering if perhaps we could consolidate our comments to Tim? Would you prefer to take a look first, or would you prefer that we send our consolidated edits to you first?

Thanks!

Mai

From: Russ, Timothy

Sent: Wednesday, November 16, 2016 10:41 AM

To: Patulski, Meg <patulski.meg@epa.gov>; Berry, Laura <berry.laura@epa.gov>; Dubey,

Susmita <dubey.susmita@epa.gov>

Cc: Odendahl, Steve <Odendahl.Steve@epa.gov>; Denawa, Mai <Denawa.Mai@epa.gov>; Dresser, Chris Dresser, Chris@epa.gov">Dresser, Chris@epa.gov; Anderson, Carol Anderson, Carol@epa.gov; Schuller, Jennifer <Schuller.Jennifer@epa.gov>; Jackson, Scott <Jackson.Scott@epa.gov>;

Rickard, Joshua < Rickard. Joshua @epa.gov>

Subject: DRAFT Information for Transmittal to CDOT/FHWA Regarding 10/25/16 Cooperating

Agencies Meeting

Ex. 5 - Deliberative Process

I've designed the email to come from me to CDOT/FHWA, but it can certainly be altered to come from Region 8 Air Program management if that seems more appropriate.

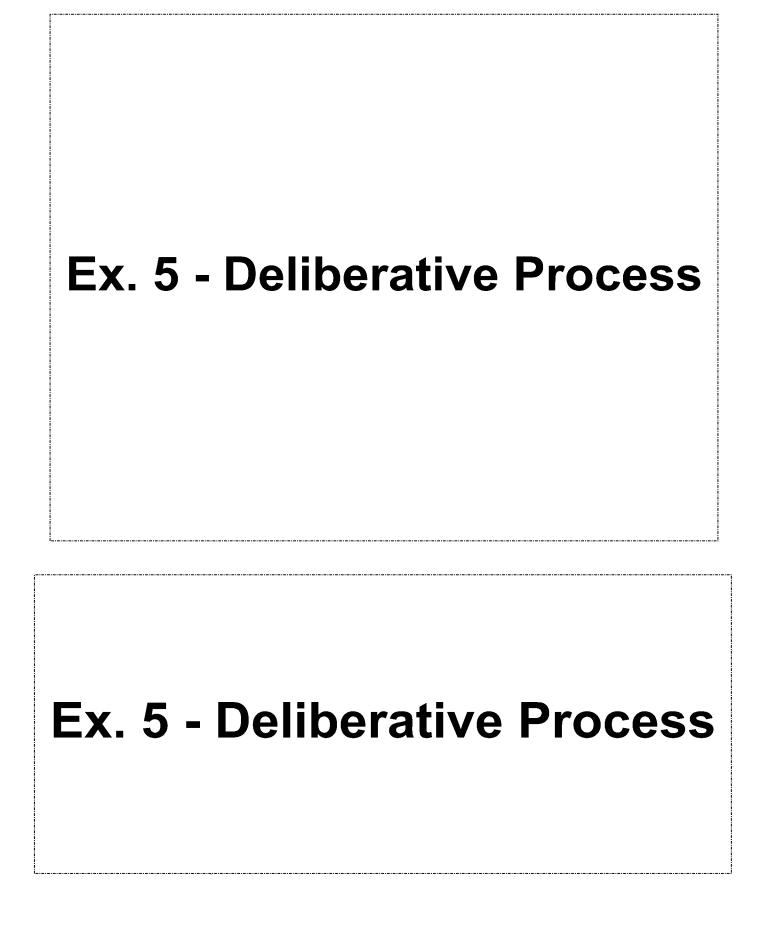
Thanks to all for your review and edits!

Tim

Tim Russ
Environmental Scientist
USEPA Region 8
Air Program
1595 Wynkoop Street (8P-AR)
Denver, CO 80202-1129
Ph. (303) 312-6479
Fax (303) 312-6064
e-mail: russ.tim@epa.gov

THEOREM STREET, STREET

Ex. 5 - Deliberative Process



La Casa (CASA)

Region: Denver Monitoring Station 4545 Navajo Street

SAROAD:

AQS ID: 080310026 Latitude: 39.779460 Longitude: -105.005124 Reporting capabilities (hourly) SLAMS: CO, PM10, PM2.5

NAMS: 03, S02

SPM: NO, RD, RS, TEMP, WD, WS

EPA's November, 2015 PM Hot-spot modeling guidance ("Transportation Conformity Guidance for Quantitative Hot-spot Analyses in PM_{2.5} and PM₁₀ Nonattainment and Maintenance Areas") notes the following in section 9.3.4 *24-hour PM₁₀ NAAQS*:

Calculating Design Values and Determining Conformity

The 24-hour PM₁₀ design value is calculated at each receptor by directly adding the sixth-highest modeled 24-hour concentrations (if using five years of meteorological data) to the appropriate monitor value for the 24-hour background concentration from three years of monitoring data, based on Exhibit 9-6. Exhibit 9-6: Monitor Value Used for Design Value Calculation

Number of Background	Monitor Value Used for
Concentration Values from	Design Value Calculation
the Monitor	
< 347	Highest Monitor Value
348 -695	Second Highest Value
696 -1042	Third Highest Value
1043 -1096	Fourth Highest Value

PM₁₀ data from the La Casa monitoring site are provided in the table below:

POC 1 1 in 3 Sampler

Year	Ν	Highest value	2 nd highest	3 rd highest	4 th highest
2015	119	55	48	44	43
2014	127	66	65	62	62
2013	122	81	73	56	45

[&]quot;N" = the number of days of valid data recovery.

NOTE: There are actually three PM₁₀ monitors co-located at the La Casa monitoring location. POC#1 is a "1 in 3" sampler and takes a sample every 3rd day; it is our understanding that this is the primary monitor as so designated by CDPHE. POC#2 is a "1 in 6" sampler and takes a sample every 6th day and POC#3 is a continuous monitor and samples every day.

Ex. 5 - Deliberative Process

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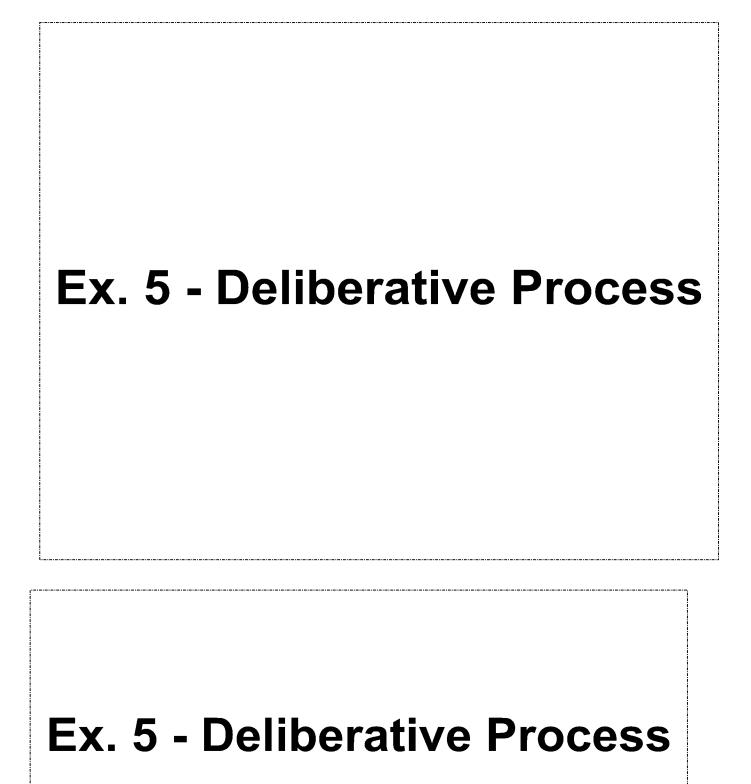
Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

Referred to FHWA

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process



Ex. 5 - Deliberative Process

Please let us know if there are any questions.

Thanks!

Tim

Tim Russ Environmental Scientist USEPA Region 8 Air Program 1595 Wynkoop Street (8P-AR) Denver, CO 80202-1129 Ph. (303) 312-6479 Fax (303) 312-6064

e-mail: russ.tim@epa.gov